

**PATENT APPLICATION
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**IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S): Shell S. Simpson

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SUBJECT: METHOD FOR OBTAINING STATUS OF WEB-BASED IMAGING
ORIGINATED PROCESSES

APPELLANTS'/APPLICANTS' OPENING BRIEF ON APPEAL

1. REAL PARTY IN INTEREST.

The real party in interest is Hewlett-Packard Development Company, LP, a limited partnership established under the laws of the State of Texas and having a principal place of business at 20555 S.H. 249 Houston, TX 77070, U.S.A. (hereinafter "HPDC"). HPDC is a Texas limited partnership and is a wholly-owned affiliate of Hewlett-Packard Company, a Delaware Corporation, headquartered in Palo Alto, CA. The general or managing partner of HPDC is HPQ Holding, LLC.

2. RELATED APPEALS AND INTERFERENCES.

There are no other appeals or interferences known to Appellants, Appellants' legal representative or the Assignee which will affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

3. STATUS OF CLAIMS.

Claims 1-37 are pending and stand rejected. All pending claims are appealed.

4. STATUS OF AMENDMENTS.

No amendments have been filed after the final action was entered. All previous amendments have been entered.

5. SUMMARY OF CLAIMED SUBJECT MATTER.

Claim 1 recites a method for monitoring a web-based service that includes receiving automatically at a client a service reference to a status of a job in a network service. *See, e.g.*, Specification, paragraph [0180] and Figure 12, acts 1900-1950. The service reference is added to a bookmark list on the client. *See, e.g.*, Specification, paragraph [0181]. The service reference is automatically removed from the bookmark list on the client when the job is completed by the network service. *See, e.g.*, Specification, paragraph [0184].

Claim 5 recites a method for monitoring a web-based service that includes receiving automatically in a user's personal imaging repository in an autonomous network service a service reference to a status of a job in a job-performing network service. *See, e.g.*, Specification, paragraph [0180] and [0185] and Figure 12, acts 1900-1950. The autonomous network service is independent from the job-performing network service and does not facilitate performance of the job at the job-performing network service. The service reference is added to a bookmark list in the user's personal imaging repository. *See, e.g.*, Specification, paragraph [0181] and [0185]. The service reference is automatically removed from the bookmark list in the user's personal imaging repository when the job is completed by the job-performing network service. *See, e.g.*, Specification, paragraph [0184] and [0185].

Claim 14 recites a method for monitoring a web-based service that includes receiving automatically at a client a service reference to a status of a job in a network service. *See, e.g.*, Specification, paragraph [0180] and Figure 12, acts 1900-1950. The service reference is added to a bookmark list on the client. *See, e.g.*, Specification, paragraph [0181]. The service reference is automatically removed from the bookmark list on the client when the job is completed by the network service. *See, e.g.*, Specification, paragraph [0184]. Also, a clickable reference is added to a user screen on the client that is associated with the service reference to access a status web page displaying direct or indirect information about the status of at least one job. *See, e.g.*, Specification, paragraph [0186].

Claim 18 recites a method for monitoring a web-based service that includes receiving automatically at a client a service reference to a status of a job in a network service. *See, e.g.*, Specification, paragraph [0180] and Figure 12, acts 1900-1950. The service reference is added to a bookmark list on the client. *See, e.g.*, Specification, paragraph [0181]. The status of the job is determined by receiving a message from the service indicating an event. *See, e.g.*, Specification, paragraph [0182] and [0183]. The service reference is automatically removed from the bookmark list on the client when the

job is completed by the network service. *See, e.g.*, Specification, paragraph [0184]. The removing step includes the step of automatically removing the service reference if no message indicating an event is received from the network service for a predetermined period of time. *See, e.g.*, Specification, paragraph [0187].

Claim 19 recites a system for implementing the method of Claim 1. The system includes a component for receiving automatically at a client a service reference to a status of a job in a network service. *See, e.g.*, Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950. The system includes a component for adding the service reference to a bookmark list on the client. *See, e.g.*, Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950. The system includes a component for removing automatically the service reference from the bookmark list on the client when the job is completed by the network service. *See, e.g.*, Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950.

Claim 20 recites a program product for monitoring a web-based service that includes machine readable program code for causing a machine to perform method steps. Those steps include receiving a service reference automatically at a client to a status of a job in a network service, adding the service reference to a bookmark list on the client, and removing automatically the service reference from the bookmark list on the client when the job is completed by the network service. *See, e.g.*, Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950.

Claim 24 recites a program product for monitoring a web-based service that includes machine readable program code that when executed causes a number of steps to be performed. Those steps include receiving automatically in a user's personal imaging repository in an autonomous network service a service reference to a status of a job in a job-performing network service, wherein the autonomous network service is independent from the job-performing network service and does not facilitate performance of the job at the job-performing network service. *See, e.g.*, Specification, paragraph [0178]-[0189] and

Fig. 12, acts 1900-1950. Those steps include adding the service reference to a bookmark list in the user's personal imaging repository. *See, e.g.,* Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950. The steps also include removing automatically the service reference from the bookmark list in the user's personal imaging repository when the job is completed by the job-performing network service. *See, e.g.,* Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950.

Claim 33 recites a program product for monitoring a web-based service that includes machine readable program code that when executed causes a number of steps to be performed. Those steps include receiving automatically at a client a service reference to a status of a job in a network service. *See, e.g.,* Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950. The steps include adding the service reference to a bookmark list on the client and removing automatically the service reference from the bookmark list on the client when the job is completed by the network service. *See, e.g.,* Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950. The steps also include adding a clickable reference to a user screen on the client that is associated with the service reference to access a status web page displaying direct or indirect information about the status of at least one job. *See, e.g.,* Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950.

Claim 37 recites a program product for monitoring a web-based service that includes machine readable program code that when executed causes a number of steps to be performed. Those steps include receiving automatically at a client a service reference to a status of a job in a network service. *See, e.g.,* Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950. The steps include adding the service reference to a bookmark list on the client and determining the status of the job by receiving a message from the network service indicating an event. *See, e.g.,* Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950. The steps also include removing automatically the service reference from the bookmark list on the client when the job is completed by the network service or if no message indicating an event is received from the network service

for a predetermined period of time. See, e.g., Specification, paragraph [0178]-[0189] and Fig. 12, acts 1900-1950.

6. GROUNDS FOR REJECTION TO BE REVIEWED.

A. Claims 1-37 were rejected under 35 U.S.C. §103 as being unpatentable over US. Pub 2002/0138564 to Treptow in view of US Pub 2005/0228711 to Lahey.

7. ARGUMENT.

A. Ground For Rejection A – Claims 1-37 were rejected under 35 U.S.C. §103 as being unpatentable over US. Pub 2002/0138564 to Treptow in view of US Pub 2005/0228711 to Lahey.

Claim 1 is directed to a method for monitoring a web-based service and recites the following acts:

1. receiving automatically at a client a service reference to a status of a job in a network service;
2. adding the service reference to a bookmark list on the client; and
3. removing automatically the service reference from the bookmark list on the client when the job is completed by the network service.

To summarize, Claim 1 recites a method in which a service reference is automatically received at a client. That service reference is then added to a bookmark list on the client. Paragraph [0180] of the Specification discussed the phrase “service reference.” As an example, provided in paragraph [0180], a service reference “may be a URL or any other convenient reference to a location where status information may be obtained.” Paragraph [0181] of the Specification provides a description of a “bookmark

list.” “The bookmark list may be a standard bookmark list provided in the browser, or it may be a special bookmark list containing only service references for jobs being performed.” Paragraph [0181] goes on to mention that “the bookmark list will be disposed in some storage associated with the user.” As an example, “the storage could be in the hard drive for the user’s imaging client.” Paragraph [0181] also mentions that the bookmark list could be stored on an intranet or on the Internet. However, Claim 1 recites that the bookmark list is on the client.

Rejecting Claim 1, the Examiner, citing Treptow, paragraphs [0019]-[0023], [0041], [0059], [0062], and [0088] asserts that Treptow teaches receiving automatically at a client a service reference to a status of a job in a network service and adding the service reference to a bookmark list on the client. The Examiner is mistaken.

Paragraphs [0019]-[0023] are taken from Treptow’s drawing description section for Figs. 9-13. Paragraph [0088] provides a discussion of Fig. 9. These figures illustrate a web page that includes upper level tabs 230-240 with upper level tab 240 selected. That upper level tab is labeled “Print Jobs.” The selection of the print jobs tab 20 results in the display of lower level tabs 242-252. Selection of lower level tab 242 results in the display of a print queue for a selected printer. Selection of one of lower level tabs 244-246 results in the display of completed print jobs.

Paragraph [0041] provides a definition for the term “Job Status” in that it indicates the current status of a job request. Paragraph [0059] discusses various “Consumer Web pages.” These pages include, among others, a print job status page. Paragraph [0062] mentions that a user can view the status of a print job by selecting a “my print status tab 136.”

Nowhere in these paragraphs or elsewhere does Treptow teach or suggest receiving automatically at a client a service reference to a status of a job in a network service or adding the service reference to a bookmark list on the client. Treptow does teach the use of a client to display a web page through which the user can discern the job status of various job requests. Logically, the client in some fashion receives an URL or some other reference for that web page. However, Treptow makes no indication that the

URL for the web page is received automatically at a client or added to a bookmark list on that client. Lahey is silent on these points.

For at least these reasons, Claim 1 is patentable over the cited references as are Claims 2-4, which depend from Claim 1. Should the Examiner persist, the Applicant respectfully asks that the Examiner specifically identify and explain a passage in Treptow that teaches the use of a bookmark list on a client that is used to store a service reference.

Claims 5, 14, 18, and 19 are independent claims that, like Claim 1, recite acts, or system elements for implementing acts, in which a service reference is automatically received and added to a bookmarks list. As clarified above, the cited references do not teach or suggest such acts. For the same reasons Claim 1 is patentable over the cited references so are Claims 5, 14, 18 and 19. Claims 6-13 depend from Claim 5 while Claims 15-17 depend from Claim 14 and are each patentable due their dependence from a patentable base claim.

Furthermore, Claim 5 is directed to a method for monitoring a web-based service and recites the following:

1. receiving automatically in a user's personal imaging repository in an autonomous network service a service reference to a status of a job in a job-performing network service, wherein the autonomous network service is independent from the job-performing network service and does not facilitate performance of the job at the job-performing network service;
2. adding the service reference to a bookmark list in the user's personal imaging repository; and
3. removing automatically the service reference from the bookmark list in the user's personal imaging repository when the job is completed by the job-performing network service.

Rejecting Claim 5, the Examiner fails to address the explicit use to the phrase "personal imaging repository". Instead, the Examiner simply addressed the element of Claim 1. Neither Treptow nor Lahey mentions a personal imaging repository in an autonomous network service let alone receiving a service reference in a personal imaging repository or adding a service reference to a bookmark in a personal imaging repository. The Examiner's attention is drawn to paragraph [0061] of the Specification for an exemplary definition of the "personal imaging repository."

For at least this additional reason, Claim 5 is patentable over the cited references.

Claim 20 is directed to a program product that includes machine readable program code for causing a machine to perform the following method of Claim 1. For at least the same reasons Claim 1 is patentable, so are Claim 20 and Claims 21-23 which depend from Claim 20.

Claim 24 is directed to a program product that includes computer readable program code, that when executed, implements the method of Claim 5. For at least the same reasons Claim 5 is patentable, so are Claim 24 and Claims 25-32 which depend from Claim 24.

Claim 33 is directed to a program product that includes computer readable program code, that when executed, implements the method of Claim 14. For at least the same reasons Claim 14 is patentable, so are Claim 33 and Claims 34-36 which depend from Claim 33.

Claim 37 is directed to a program product that includes computer readable program code, that when executed, implements the method of Claim 18. For at least the same reasons Claim 18 is patentable, so is Claim 37.

For at least the reasons set forth above, the rejections of Claims 1-37 are improper as the Examiner has failed to establish a prima facie case of obviousness under 35 USC §103.

Respectfully submitted,
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APPENDIX OF CLAIMS INVOLVED IN THE APPEAL

1. (Previously presented) A method for monitoring a web-based service, comprising the steps of:
 - receiving automatically at a client a service reference to a status of a job in a network service;
 - adding the service reference to a bookmark list on the client; and
 - removing automatically the service reference from the bookmark list on the client when the job is completed by the network service.
2. (Previously presented) The method as defined in claim 1, wherein the network service is a printer service, and the job is a print job.
3. (Previously presented) The method as defined in claim 1, wherein the service reference is a URL to a status page for the network service.
4. (Previously presented) The method as defined in claim 1, wherein the service reference is provided when the network service is accessed.
5. (Previously presented) A method for monitoring a web-based service, comprising the steps of:
 - receiving automatically in a user's personal imaging repository in an autonomous network service a service reference to a status of a job in a job-performing network service, wherein the autonomous network service is independent from the job-performing network service and does not facilitate performance of the job at the job-performing network service;
 - adding the service reference to a bookmark list in the user's personal imaging repository; and

removing automatically the service reference from the bookmark list in the user's personal imaging repository when the job is completed by the job-performing network service.

6. (Original) The method as defined in claim 5, wherein the bookmark list is maintained within a user profile in the user's personal imaging repository.

7. (Previously presented) The method as defined in claim 5, further comprising the step of determining the status of the job.

8. (Previously presented) The method as defined in claim 7, wherein the determining step comprises querying the network service to determine if a job impediment has occurred.

9 (Previously presented) The method as defined in claim 7, wherein the determining step comprises querying the network service to determine an indication of what amount of the job is complete.

10. (Previously presented) The method as defined in claim 7, wherein the determining step comprises receiving a message from the network service indicating an event.

11. (Original) The method as defined in claim 10, wherein the receiving a message step comprises receiving the message at a bookmark management software.

12. (Original) The method as defined in claim 10, wherein the receiving a message step comprises receiving a message of one or more of the following: print job completed, copies printed, and error.

13. (Previously presented) The method as defined in claim 5, further comprising storing the service reference to a storage associated with the user.

14. (Previously presented) A method for monitoring a web-based service, comprising the steps of:

receiving automatically at a client a service reference to a status of a job in a network service;

adding the service reference to a bookmark list on the client; and

removing automatically the service reference from the bookmark list on the client when the job is completed by the network service

further comprising the step of adding a clickable reference to a user screen on the client that is associated with the service reference to access a status web page displaying direct or indirect information about the status of at least one job.

15. (Original) The method as defined in claim 14, further comprising the step of adding a plurality of clickable references to be displayed on a user screen, each clickable reference associated with a different service reference for opening a different status web page having information about the status of its respective job.

16. (Previously presented) The method as defined in claim 14, further comprising the step of adding a window associated with the network service to a user screen to display therein a status web page with direct or indirect information about the status of at least one job.

17. (Previously presented) The method as defined in claim 14, wherein the bookmark list lists only job status service references.

18. (Previously presented) A method for monitoring a web-based service, comprising the steps of:

receiving automatically at a client a service reference to a status of a job in a network service;

adding the service reference to a bookmark list on the client;

determining the status of the job; and

removing automatically the service reference from the bookmark list on the client when the job is completed by the network service, wherein the determining step comprises receiving a message from the service indicating an event; and

wherein the removing step includes the step of automatically removing the service reference if no message indicating an event is received from the network service for a predetermined period of time.

19. (Previously presented) A system for monitoring a web-based service, comprising:

a component for receiving automatically at a client a service reference to a status of a job in a network service;

a component for adding the service reference to a bookmark list on the client; and

a component for removing automatically the service reference from the bookmark list on the client when the job is completed by the network service.

20. (Previously presented) A program product for monitoring a web-based service, comprising machine readable program code for causing a machine to perform the following method steps:

receiving a service reference automatically at a client to a status of a job in a network service;

adding the service reference to a bookmark list on the client; and

removing automatically the service reference from the bookmark list on the client when the job is completed by the network service.

21. (Previously presented) The program product as defined in claim 20, wherein the network service is a printer service, and the job is a print job.

22. (Previously presented) The program product as defined in claim 20, wherein the service reference is a URL to a status page for the network service.

23. (Previously presented) The program product as defined in claim 20, wherein the service reference is provided when the network service is accessed.

24. (Previously presented) A program product for monitoring a web-based service, comprising:

a machine-readable medium that includes disposed thereon computer readable program code, that when executed, causes the following steps to be performed:

receiving automatically in a user's personal imaging repository in an autonomous network service a service reference to a status of a job in a job-performing network service, wherein the autonomous network service is independent from the job-performing network service and does not facilitate performance of the job at the job-performing network service;

adding the service reference to a bookmark list in the user's personal imaging repository; and

removing automatically the service reference from the bookmark list in the user's personal imaging repository when the job is completed by the job-performing network service.

25. (Previously presented) The program product as defined in claim 24, wherein the bookmark list is maintained within a user profile in the user's personal imaging repository.

26. (Previously presented) The program product as defined in claim 24, further comprising program code for the step of determining the status of the job.

27. (Previously presented) The program product as defined in claim 26, wherein the determining step comprises querying the network service to determine if a job impediment has occurred.

28. (Previously presented) The program product as defined in claim 26, wherein the determining step comprises querying the network service to determine an indication of what amount of the job is complete.

29. (Previously presented) The program product as defined in claim 26, wherein the determining step comprises receiving a message from the network service indicating an event.

30. (Previously presented) The program product as defined in claim 29, wherein the receiving a message step comprises receiving the message at a bookmark management software.

31. (Previously presented) The program product as defined in claim 29, wherein the receiving a message step comprises receiving a message of one or more of the following: print job completed, copies printed, and error.

32. (Previously presented) The program product as defined in claim 24, further comprising program code for storing the service reference to a storage associated with the user.

33. (Previously presented) A program product for monitoring a web-based service, comprising:

a machine-readable medium that includes disposed thereon computer readable program code, that when executed, causes the following steps to be performed:

receiving automatically at a client a service reference to a status of a job in a network service;

adding the service reference to a bookmark list on the client; and
removing automatically the service reference from the bookmark list on the client
when the job is completed by the network service,

further comprising the step of adding a clickable reference to a user screen on the
client that is associated with the service reference to access a status web page displaying
direct or indirect information about the status of at least one job.

34. (Previously presented) The program product as defined in claim 33, further
comprising program code for the step of adding a plurality of clickable references to be
displayed on a user screen, each clickable reference associated with a different service
reference for opening a different status web page having information about the status of its
respective job.

35. (Previously presented) The program product as defined in claim 33, further
comprising program code for the step of adding a window associated with the network
service to a user screen to display therein a status web page with direct or indirect
information about the status of at least one job.

36. (Previously presented) The program product as defined in claim 33, wherein
the bookmark list lists only job status service references.

37. (Previously presented) A program product for monitoring a web-based
service, comprising:

a machine-readable medium that includes disposed thereon computer readable
program code, that when executed, causes the following steps to be performed:

receiving automatically at a client a service reference to a status of a job in a
network service;

adding the service reference to a bookmark list on the client;

determining the status of the job by receiving a message from the network service
indicating an event; and

removing automatically the service reference from the bookmark list on the client when the job is completed by the network service or if no message indicating an event is received from the network service for a predetermined period of time.

Evidence Appendix

There is no extrinsic evidence to be considered in this Appeal. Therefore, no evidence is presented in this Appendix.

Related Proceedings Appendix

There are no related proceedings to be considered in this Appeal. Therefore, no such proceedings are identified in this Appendix.